

CHAPTER OVERVIEW

16: Electrochemistry

Electrochemistry is the study of electricity and how it relates to chemical reactions. In electrochemistry, electricity can be generated by movements of electrons from one element to another in a reaction known as redox reaction, or [oxidation-reduction reaction](#).

- [16.1: Chemistry and Electricity](#)
- [16.2: Galvanic cells and Electrodes](#)
- [16.3: Cell Potentials and Thermodynamics](#)
- [16.4: The Nernst Equation](#)
- [16.5: Applications of the Nernst Equation](#)
- [16.6: Batteries and Fuel Cells](#)
- [16.7: Timeline of Battery Development](#)
- [16.8: Electrochemical Corrosion](#)
- [16.9: Corrosion Gallery](#)
- [16.10: Electrolytic Cells and Electrolysis](#)

This page titled [16: Electrochemistry](#) is shared under a [CC BY 3.0](#) license and was authored, remixed, and/or curated by [Stephen Lower](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.